

NASACITY



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Trace Space Back to You.







AIR TRAVEL



SPORTS & RECREATION



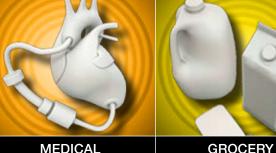
MANUFACTURING



AUTOMOTIVE



PUBLIC SAFETY



MEDICAL



COASTAL

NASA's remote sensors and

what's going on in our world;

flood and ocean monitoring are

just two of their functions. And

NASA does more than just look

with the benefit of NASA fund-

ing and technology can remove

at things! A robot developed

paint from ships without

damaging the environment.

Laboratory at Stennis Space

has developed a new, environ-

Center, along with his team,

mentally safe system for

treating sewage. And who

wouldn't want safer bridges

A former head of NASA's

Environmental Research

satellites tell us a lot about

HOUSEHOLD

In many ways, living in space is It's no surprise that NASA is similar to living on Earth. Thanks with you when you fly-after all, the first A in "NASA" stands for "Aeronautics"! NASA's advances in aviation include reducing noise and nitrogen oxide production, deicing planes, monitoring cabin pressure, countering jet lag, and even speeding up the processing of your tickets. Everywhere you look in aeronautics, NASA will have youwalking on air! To learn more about NASA technology at work in the world of aviation, visit http://www.nasa.gov/city.

What you wear, what you see, where you sit-NASA is with you in your sporting and recreational activities. Shockabsorbing athletic shoes that use spacesuit technology cushion athletes' feet. The knowledge and techniques gained from developing protective foam padding for aircraft seats have been adapted for helmets and other safety equipment. The National Football League's first retractable roof at Reliant Stadium. which is supported by a network of cables and pylons, was made possible by technology developed by NASA in the creation of fabric for its spacesuits. And the large-venue plasma display that shows

you the instant replay might

contain a NASA-recommended

approach in using nondistorting

information on NASA's presence

nondiscoloring, and multicon-

tour microspheres. For more

in sports and recreation, visit

http://www.nasa.gov/city.

Need to assemble something in a hurry? Thanks to NASA, there's a faster fastener for you! A quick-connect nut developed for in-space assembly can be pushed onto a standard bolt and locked into place with a quarter turn to the right. That's just one of NASA's innovations that benefit terrestrial manufacturing. Others include powdered lubricants, optimal power plant designs, smokestack monitors, sensors to detect chemicals, monitors to improve mine safety, and suits that protect against hazardous materials and extremes in temperature. Learn more details about NASA's industrial advances at http:// www.nasa.gov/city.

You may not be a Space Shuttle pilot, but if you drive a car, truck, or bus, you may have encountered NASA! Stronger tires, advanced lubricants, rugged school bus chassis, and aerodynamic truck designs are just a few of the places where you'll find NASA on the road. You may even find NASA in the road itselfsafety grooving in concrete, a technique that originated at NASA Langley Research Center, reduces skidding. decreases stopping time, and enhances a vehicle's cornering ability. Learn more about NASA on the road at http:// www.nasa.gov/city.

Everyone loves a good campfire, but unwanted fires are another matter. NASA's technology helps detect, resist, and extinguish fires. NASA's airborne system for imaging forest fires delivers information about fire locations quickly. Technology used in the development of the heat shield for the Apollo spacecraft has been adapted into various fire-retardant materials to prevent the spread of fire and protect people inside burning buildings. Breathing equipment based both on NASA's design expertise and on lightweight materials used in space helps protect firefighters from smokeinhalation injury. To learn more about NASA's contributions to fire safety and other areas of safety and security, visit http:// www.nasa.gov/city.

NASA is helping to improve your What does NASA have to do health and well-being! From light-emitting diodes (LEDs) that grow plants in space and heal humans on Earth, to microminiaturization techniques used in automatic insulin pumps, to water purification systems based on those used in space, NASA's work is making important contributions to health. Robotics work done for NASA is being adapted to create more functionally dynamic artificial limbs, and technology originally created for use in sounding rocket assemblies and robotics has been incorporated into a gait analysis system. Individuals using these products are doing their own kind of "spacewalking"! Check out more of NASA's contributions to health and medicine at http://www. nasa.gov/city.

with food? Well, astronauts have to eat, too! And when NASA fulfills the stringent requirements for safe dining in space, diners on Earth benefit as well. When you go shopping for groceries, NASA is there with you. Food lasts longer thanks to techniques for freeze-drying and packaging it and to refrigerators designed to meet higher standards for preserving it. Even some commercially available infant formulas now contain a nutritional, algae-based enrichment ingredient that traces its existence to NASAsponsored research. To learn more about how NASA's work benefits food safety and nutrition, visit http://www.nasa.

and dams? An electromigration technique developed by NASA helps prevent corrosion in bridges, dams, and other structures. If you're spending time at the shore, NASA's there with you. Learn more about NASA's coastal technology at http://www.nasa.gov/city.

to NASA's contributions and industry partnerships, families all over are taking advantage of cutting-edge technologies originally used in space. Are you? Sure! Look around your house and you're bound to see how NASA contributes to your daily routine. It could be something as simple as the wireless headset through which you communicate as you roam the house or as complex as the Internet-connected combination refrigerator-wall oven that keeps food cold until you remotely tell it to start cooking. It doesn't stop there-there's more NASA to explore in your home. From the memory foam in your mattresses and pillows to the memory metal alloys in your faucets, water purification systems throughout your house, and much more, it's safe to say that wherever you go in vour house. NASA is there. bringing aerospace technology to improve your life on Earth. Learn more about NASA in your home at http://www.nasa. gov/city.

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